Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 07 Jan 2021 until 23:59 on Friday 08 Jan 2021

Forecast Issued on Thursday 07 Jan 2021 at 02:38

Confidence: High confidence for cold conditions for the first few days and some snow fall on Thursday and Friday. Also high confidence for freezing level rising over the weekend with some lower level snow melting and becoming more unsettled.

Headline for Thursday 07 Jan 2021: Cloudy with a few outbreaks of snow later, poor visibility at times.

Mountain weather hazards on Thursday 07 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny intervals	Cloudy	Cloudy	Light snow
Precipitation probability					
00%	<05%	20%	30%	40%	60%

Forecast for Thursday 07 Jan 2021

Weather: A cold morning with a frost and a few freezing fog patches. These will clear steadily during the early hours, followed by a sunny morning with light winds though becoming cloudier in the afternoon. Cloud will thicken further in the evening with the risk of a few wintry outbreaks later, mainly light but leading to accumulations at higher levels.

Chance of cloud free mountain/hill tops above 600m: 90%, outbreaks of light snow later.

Visibility: Good at height, with distant hills clearly visible but mediocre in valleys, with a few freezing fog patches slowly clearing. Deteriorating through the afternoon to become poor in any outbreak of snow.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 07 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/9 SW	7/10 SW	10/14 SW	8/12 SW	7/10 SW	5/8 W	7/10 NW
300	3/4 SW	4/6 SW	5/7 SW	4/6 W	3/6 S	3/4 NE	5/8 W
Valley	1/2 SE	2/3 SE	2/6 SW	2/5 SE	2/6 SE	2/5 N	3/7 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-6	-3/-7	-2/-8	-2/-6	-2/-6	-2/-5	-2/-6
300	-2/-4	-2/-5	-1/-4	-0/-2	-0/-2	0/-2	-0/-3
Valley	-3/-5	-2/-4	-0/-2	0/-2	0/-2	0/-2	0/-2
Freezing Level*	00m	00m	100m	200m	200m	200m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling bitterly cold in the wind, particularly on exposed peaks and ridges.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 07 Jan 2021	1.6mm	2mm	2.2mm

Forecast for Friday 08 Jan 2021

Weather: A few wintry showers are possible in the morning but these will clear leaving a nice afternoon with some brighter spells, a clear dry evening is expected.

Maximum wind: Northerly 15-20mph gusts 25mph.

Chance of cloud free mountain/hill tops above 600m: 60% first thing with some mist and fog, becoming 80% later with a few showers during the day.

Visibility: Cloud will mainly be above the summits but some scattered cloud will shroud the tops down to 400m as showers move through the area. Visibility may fall poor as snow showers go through.

Temperature: **Valleys:** Minus 2 rising to 3 Celsius.
At 600m: Minus 3 Celsius
Freezing level: 200m or less

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